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PTO/SB/05 (4/98)

Approved for use through 09/30/2000. OMB 0651-0032

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new non-provisional applications under 37 C.F.R. § 1.53(B))

Attorney Docket No. M61.12-0522

First Inventor or Application Identifier James G. Droppo et al.

Title METHOD OF NOISE REDUCTION USING
INSTANTANEOUS SIGNAL-TO-NOISE RATIO AS THE
PRINCIPAL QUANTITY FOR OPTIMAL ESTIMATION

Express Mail Label No. EV17801951SUS

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

Address To: Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-14501. ☒ *Fee Transmittal Form e.g., PTO/SB17)
(Submit an original and a duplicate for fee processing)2. ☐ Applicant Claims small entity status3. ☒ Specification [Total Sheets 29]
(preferred arrangement set forth below)
- Descriptive title of the Invention)
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure4. ☒ Drawing(s) (35 U.S.C. § 113) [Total Sheets 5]

5. Oath or Declaration [Total Sheets 2]

a. ☒ Newly executed (original or copy)b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 18 completed)i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 C.F.R. §§1.63(d)(2) and 1.33(b).6. ☒ Application Data Sheet. See 37 CFR 1.767. ☐ CD-ROM or CD-R in duplicate, large table or
Computer program (Appendix)8. Nucleotide and/or Amino Acid Sequence Submission
(If applicable, all necessary)a. ☐ Computer Readable Copy

b. Specification Sequence Listing on:

i. ☐ CD-ROM or CD-R (2 Copies); orii. ☐ Paperc. ☐ Statement verifying identity of above copies**ACCOMPANYING APPLICATION PARTS**9. ☒ Assignment Papers (cover sheet & document(s))10. ☐ 37 C.F.R. § 3.73(b) Statement ☐ Power of
(when there is an assignee) Attorney11. ☐ English Translation Document (if applicable)12. ☐ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO – 1449 Citations13. ☐ Preliminary Amendment14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)16. ☐ Nonpublication Request Under 35 USC 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent17. ☒ Other: Checks in the amount of \$804.00 & \$40.0018. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an
Application Data Sheet under 37 CFR 1.76:☐ Continuation ☐ Divisional ☐ Continuation –in part (CIP)

of prior application No: /

Prior application information:

Examiner

Group/Art Unit:

FOR CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied
under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by
reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**17. CORRESPONDENCE**☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

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Registration No. (Attorney/Agent)

39,758

Signature

Theodore M. Magee

Date

8/19/03

FEE TRANSMITTAL		Complete if Known																																																																																													
		Application No.																																																																																													
		Filing Date	August 19, 2003																																																																																												
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1. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fee required under 37 C.F.R. § 1.16 and 1.17, including any petition fee, and credit any over payments to Deposit Account No. <u>23-1123</u> . Westman, Champlin & Kelly, P.A. 2. <input checked="" type="checkbox"/> Check Enclosed		3. ADDITIONAL FEES <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity</th> <th style="text-align: left;">Small Entity</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Paid</th> </tr> <tr> <th>Code Fee (\$)</th> <th>Code Fee (\$)</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1051 130</td> <td>2051 65</td> <td>Surcharge - Late filing fee or oath</td> <td></td> </tr> <tr> <td>1052 50</td> <td>2052 25</td> <td>Surcharge - Late provisional Filing Fee or cover sheet</td> <td></td> </tr> <tr> <td>1053 130</td> <td>1053 130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>1812 2,520</td> <td>1812 2,520</td> <td>For Filing a Request for Reexamination. (ex parte)</td> <td></td> </tr> <tr> <td>1251 110</td> <td>2251 55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>1252 410</td> <td>2252 205</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>1253 930</td> <td>2253 465</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1254 1,450</td> <td>2254 725</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1255 1,970</td> <td>2255 985</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>1402 320</td> <td>2402 160</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403 280</td> <td>2403 140</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>1814 110</td> <td>2814 55</td> <td>Terminal Disclaimer Fee</td> <td></td> </tr> <tr> <td>1452 110</td> <td>2452 55</td> <td>Petition to Revive - unavoidable</td> <td></td> </tr> <tr> <td>1453 1,300</td> <td>2453 650</td> <td>Petition to Revive - unintentional</td> <td></td> </tr> <tr> <td>1501 1,300</td> <td>2501 650</td> <td>Utility/Reissue issue fee (inc. advance copies)</td> <td></td> </tr> <tr> <td>1502 470</td> <td>2502 235</td> <td>Design issue fee (inc. advance copies)</td> <td></td> </tr> <tr> <td>1460 130</td> <td>1460 130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>1807 50</td> <td>1807 50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>1806 180</td> <td>1806 180</td> <td>Submission of Information Disclosure Statement</td> <td></td> </tr> <tr> <td>8021 40</td> <td>8021 40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td colspan="4">Other Fee (specify) _____</td> </tr> </tbody> </table>		Large Entity	Small Entity	Fee Description	Fee Paid	Code Fee (\$)	Code Fee (\$)			1051 130	2051 65	Surcharge - Late filing fee or oath		1052 50	2052 25	Surcharge - Late provisional Filing Fee or cover sheet		1053 130	1053 130	Non-English specification		1812 2,520	1812 2,520	For Filing a Request for Reexamination. (ex parte)		1251 110	2251 55	Extension for reply within first month		1252 410	2252 205	Extension for reply within second month		1253 930	2253 465	Extension for reply within third month		1254 1,450	2254 725	Extension for reply within fourth month		1255 1,970	2255 985	Extension for reply within fifth month		1402 320	2402 160	Filing a brief in support of an appeal		1403 280	2403 140	Request for oral hearing		1814 110	2814 55	Terminal Disclaimer Fee		1452 110	2452 55	Petition to Revive - unavoidable		1453 1,300	2453 650	Petition to Revive - unintentional		1501 1,300	2501 650	Utility/Reissue issue fee (inc. advance copies)		1502 470	2502 235	Design issue fee (inc. advance copies)		1460 130	1460 130	Petitions to the Commissioner		1807 50	1807 50	Petitions related to provisional applications		1806 180	1806 180	Submission of Information Disclosure Statement		8021 40	8021 40	Recording each patent assignment per property (times number of properties)		Other Fee (specify) _____			
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Signature Theodore M. Magee
 (Theodore M. Magee)
 Date 8-19-03

Reg. No. 39,758
 Deposit Account No. 23-1123